IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/590,441

Applicant

Hirokazu Inoue

Filed

August 23, 2006

Title

METHOD OF INDUCING HOMOLOGOUS RECOMBINATION

Conf. No.

TBD

TC/A.U.

TBD

Examiner

TBD

Customer No.

000,116

Docket No.

41066

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Sir/Madam:

In accordance with Rule 56, applicant is aware of the publications listed in the enclosed copy of Patent Office Form 1449. A copy of each publication is enclosed herewith.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

If there are any fees resulting from this communication, please charge said fees to Deposit Account No. 16-0820, Order No. 41066.

Respectfully submitted,

PEARNE & GORDON LLP

By:

Paul A. Serbinowski, Reg. No. 34429

1801 East 9th Street Suite 1200 Cleveland, Ohio 44114-3108 (216) 579-1700

Date: September 19, 2006

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

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September **20**₂ 2006

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. SERIAL NO. PATENT AND TRADEMARK OFFICE 41066 10/590,441 INFORMATION DISCLOSURE CITATION APPLICANT: BY APPLICANT Hirokazu Inoue (USE SEVERAL SHEETS IF NECESSARY) **GROUP ART UNIT:** FILING DATE: Page 1 of 2 August 23, 2006 TBD U.S. PATENT DOCUMENTS Examiner Document No. Date Name Class Subclass Filing Date Initial Α FOREIGN PATENT DOCUMENTS Document No. Date Country Class Subclass Translation В 2001-046053 2/2001 JР Eng. abstract attached OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) TERADA, Rie, et al., Efficient gene targeting by homologous recombination in rice, Nature Biotechnology, Vol. 20, October 2002, pp. 1030-1034. JEANNOTTE, Lucie, et al., Low level of Hox1.3 gene expression does not preclude the D use of promoterless vectors to generate a targeted gene disruption, Molecular and Cellular Biology, Vol. 11, No. 11, November 1991, pp. 5578-5585. Ε GALLEGO, M.E., et al., Ku80 plays a role in non-homologous recombination but is not required for T-DNA integration in Arabidopsis, The Plant Journal, (2003) 35: 557-565. WALKER, John R., et al., Structure of the Ku heterodimer bound to DNA and its implications for double-strand break repair, Nature, Vol. 412, August 9, 2001, pp. 607-614. G CRITCHLOW, Susan E., et al., DNA end-joining: from yeast to man, TIBS 23, October, 1998, pp. 394-398. PIERCE, Andrew J., et al., Ku DNA end-binding protein modulates homologous repair of Η double-strand breaks in mammalian cells, Genes & Development, 2001, 15: 3237-3242. ALLEN, Chris, et al., DNA-dependent protein kinase suppresses double-strand breakinduced and spontaneous homologous recombination, PNAS, Vol. 99, No. 6, March 19, 2002, pp. 3758-3763. J ALLEN, Chris, et al., Interactive competition between homologous recombination and non-homologous end joining, Molecular Cancer Research, Vol. 1, October 2003, pp. 913-920. 02/25/2009 Date Considered Examiner: /Nancy Vogel/ Initial if reference considered, regardless of whether citation is in conformance with *Examiner: MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.